Funds for development of renewable energy sources

2805. SHRI S. ANBALAGAN: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether Government have allocated any funds for the development of renewable energy sources in the State of Tamil Nadu;

(b) if so, the details thereof and the achievements made as a result of the allocation of Central funds and the implementation of Central schemes in the State, during each of the last three years;

(c) if not, the reasons therefor alongwith the steps proposed to be taken to develop wind and ocean energy sources in the State; and

(d) the percentage of funds allocated to Tamil Nadu out of all India allocation for the sector, during each of the last three years?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI VILAS MUTTEMWAR): (a) Yes, Sir.

(b) Central Financial Assistance (CFA) of Rs. 18.927 crore has been provided under various schemes/programmes of the Ministry of New and Renewable Energy during the last three years, *i.e.*, 2003-04 to 2005-06 to Tamil Nadu. Year-wise details of achievements under various renewable energy schemes/programmes in the State are given in Statement (*See* below).

(c) Tamil Nadu is the leading state in grid-interactive wind power deployment with an installed capacity of 3175 MW as on 31.10.2006, corresponding to over 50 per cent of the total deployment in the country. Ocean energy, however, is in development phase and not yet techno-economically viable.

(d) Central Financial Assistance disbursed to Tamil Nadu under various renewable energy schemes/programmes of the Ministry out of the all India CFA disbursement during the last three years, *i.e.*, 2003-04 to 2005-06 has been 3.51%, 4.01% and 1.81% respectively.

Statement

Year-wise details of achievements under various renewable energy schemes/programmes in Tamil Nadu during last three years, i.e., 2003-04 to 2005-06

Sl. No.	Scheme/Programme	Achievement during 2003-04	Achievement during 2004-05	Achievement during 2005-06
1.	Wind Power (MW)	371.22	675.48	857.60
2.	Small Hydro Power (MW)	-	1.30	-
3.	Biomass Power/Cogeneration (MW)	44.50	22.50	1.22
4.	Biomass Gasifier (kW)	-	2375	-
5.	Waste to Energy (MW)	-	-	1.75
6.	Solar Photovoltaic (SPV)			
	1. Solar Lanterns (Nos.)	-	4000	4000
	2. SPV power plants (kWp)	4.05	-	-
7.	Solar Photovoltaic Pumps (Nos.)	69	-	20
8.	Wind Pumps (Nos.)	01	02	01
9.	Solar Cookers (Nos.)	175	-	-
10.	Aditya Solar Shops (Nos.)	-	02	-
11.	Biogas Plants (Nos.)	2118	1622	1492
12.	Remote Village Electrification (No. of Villages/hamlets)	-	152	-
13.	Energy Parks (Nos.)	06	-	24
14.	Battery Operated Vehicles (Nos.)	-	02	-

MW = Megawatt, kWp, = kilowatt (peak), kW = kilowatt, Nos. = Numbers

Generation of new and renewable energy

2806. SHRI S. ANBALAGAN: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) the percentage of new and renewable energy in the total generation of energy in the country;

(b) whether Government considers this as sufficient;